



IFW

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

4

Application Number

10/625,205

Filing Date

July 22, 2003

First Named Inventor

Jason Davis

Art Unit

2621

Examiner Name

Not Known

Attorney Docket Number

C03-003

ENCLOSURES (Check all that apply)

☐

Fee Transmittal Form

☐

Fee Attached

☐

Amendment/Reply

☐

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☒

Information Disclosure Statement

☐

Certified Copy of Priority Document(s)

☐

Reply to Missing Parts/
Incomplete Application

☐

Reply to Missing Parts
under 37 CFR 1.52 or 1.53

☐

Drawing(s)

☐

Licensing-related Papers

☐

Petition

☐

Petition to Convert to a
Provisional Application

☐

Power of Attorney, Revocation
Change of Correspondence Address

☐

Terminal Disclaimer

☐

Request for Refund

☐

CD, Number of CD(s) _____

☐ Landscape Table on CD

☐

After Allowance Communication to TC

☐

Appeal Communication to Board
of Appeals and Interferences

☐

Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

☐

Proprietary Information

☐

Status Letter

☒

Other Enclosure(s) (please identify
below):

Copies of cited references
Postcard

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Cognex Corporation

Signature

Printed name

Arthur J. O'Dea

Date

5/16/2005

Reg. No.

42952

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Cheryl Sloane

Typed or printed name

Cheryl Sloane

Date

5/16/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

S/N 10/625,205



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Jason Davis	Examiner:	Unknown
Serial No.:	10/625,205	Group Art Unit:	Unknown
Filed:	July 22, 2003	Docket:	C03-003
Title:	METHODS FOR FINDING AND CHARACTERIZING A DEFORMED PATTERN IN AN IMAGE		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the referenced materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. § 1.97(b), it is believed that no fee or statement is required with the Supplemental Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 03-2357 in order to have this Supplemental Information Disclosure Statement considered.

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

In accordance with the Patent and Trademark Office's waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i), copies of the listed U.S. patents are not enclosed because the current application has been filed after June 30, 2003.

In accordance with the waiver of 37 C.F.R. § 1.98(a)(2)(i) for submitting a copy of each

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Serial No :10/625,205

Filing Date: July 22, 2003

Title: METHODS FOR FINDING AND CHARACTERIZING A DEFORMED PATTERN IN AN IMAGE

Page 2
Dkt: C03-003

cited U.S. patent and publication for all U.S. national patent applications filed after June 30, 2003, only copies of the foreign references and other documents are enclosed.

Pursuant to 37 C.F.R. § 1.98(a)(3)(i), a concise explanation of the relevance of each document listed that is not in the English language is provided as follows:

The reference by Jens-Rainer Ohm, entitled "Digitale Bildcodierung; section 6.2 Bewegungsschätzung," relates to pixel oriented procedures that generally describe image analysis methods based on image data content.

Respectfully submitted,

JASON DAVIS

By his Representatives,

508-650-3108

Date May 16, 2005

By 

Arthur J. O'Dea

Reg. No. 42952

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 16th day of May, 2005.

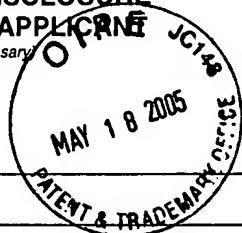

Name

Cheryl Sloane
Signature

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	10/625,205
Filing Date	July 22, 2003
First Named Inventor	Davis, Jason
Group Art Unit	Unknown
Examiner Name	Unknown

Sheet 1 of 1

Attorney Docket No: C03-003

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US-5,933,516	08/03/1999	Tu, Peter H., et al.	
	US2002/0054699A1	05/09/2002	Roesch, Peter, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
	DE-DE 44 06 020 C 1	06/29/1995	Konen, Wolfgang, et al.		

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BELONGIE, S., et al., "Shape Matching and Object Recognition Using Shape Contexts", <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , IEEE Inc. New York, Vol. 24, No. 4, (April, 2003), 509 - 522	
		BILESCHI, S., et al., "Advances in Component-based Face Detection", <u>Lecture notes in Computer Science</u> , Springer Verlag, New York, NY, Vol. 2388, (2002), 135 - 143	
		OHM, JENS-RAINER, "Digitale Bildcodierung", <u>Springer Verlag</u> , Berlin 217580, XP0002303066, Section 6.2 Bewegungsschatzung, (1995),	
		WEI, WEN, et al., "Recognition and Inspection of Two-Dimensional Industrial Parts Using Subpolygons", <u>Pattern Recognition</u> , Elsevier, Kidlington, GB, Vol. 25, No. 12, (12/1/1992), 1427 - 1434	

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional) ² Applicant is to place a check mark here if English language Translation is attached